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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/723,197

DATE: 12/07/2000
TIME: 12:46:25

Input Set : A:\97017-P7 SEQLIST.txt
Output Set: N:\CRF3\12072000\I723197.raw

3 <110> APPLICANT: Rodgers, Kathleen
4 dizerega, Gere
6 <120> TITLE OF INVENTION: Methods to Increase White Blood Cell Survival After
7 Chemotherapy
9 <130> FILE REFERENCE: 97017P7
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/723,197
C--> 12 <141> CURRENT FILING DATE: 2000-11-27
14 <160> NUMBER OF SEQ ID NOS: 41
16 <170> SOFTWARE: PatentIn Ver. 2.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 8
20 <212> TYPE: PRT
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Description of Artificial Sequence: AII
26 <400> SEQUENCE: 1
27 Asp Arg Val Tyr Ile His Pro Phe
28 1 5
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 7
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (2-8)
39 <400> SEQUENCE: 2
40 Arg Val Tyr Ile His Pro Phe
41 1 5
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 6
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (3-8)
52 <400> SEQUENCE: 3
53 Val Tyr Ile His Pro Phe
54 1 5
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 7
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-7)
65 <400> SEQUENCE: 4
66 Asp Arg Val Tyr Ile His Pro
67 1 5
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 6

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Input Set : A:\97017-P7 SEQLIST.txt
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72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (2-7)
78 <400> SEQUENCE: 5
79 Arg Val Tyr Ile His Pro
80 1 5
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 5
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (3-7)
91 <400> SEQUENCE: 6
92 Val Tyr Ile His Pro
93 1 5
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 4
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (5-8)
104 <400> SEQUENCE: 7
105 Ile His Pro Phe
106 1
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 6
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-6)
117 <400> SEQUENCE: 8
118 Asp Arg Val Tyr Ile His
119 1 5
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 5
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-5)
130 <400> SEQUENCE: 9
131 Asp Arg Val Tyr Ile
132 1 5
135 <210> SEQ ID NO: 10
136 <211> LENGTH: 4
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-4)

RAW SEQUENCE LISTING DATE: 12/07/2000
PATENT APPLICATION: US/09/723,197 TIME: 12:46:25

Input Set : A:\97017-P7 SEQLIST.txt
Output Set: N:\CRF3\12072000\I723197.raw

143 <400> SEQUENCE: 10
144 Asp Arg Val Tyr
145 1
148 <210> SEQ ID NO: 11
149 <211> LENGTH: 3
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (1-3)
156 <400> SEQUENCE: 11
157 Asp Arg Val
158 1
161 <210> SEQ ID NO: 12
162 <211> LENGTH: 7
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
169 <220> FEATURE:
170 <221> NAME/KEY: MOD_RES
171 <222> LOCATION: (2)
172 <223> OTHER INFORMATION: Nle
174 <400> SEQUENCE: 12
W 175 Arg Xaa Tyr Ile His Pro Phe
176 1 5
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 7
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
187 <220> FEATURE:
188 <221> NAME/KEY: MOD_RES
189 <222> LOCATION: (4)
190 <223> OTHER INFORMATION: Nle
192 <400> SEQUENCE: 13
193 Arg Val Tyr Xaa His Pro Phe
194 1 5
197 <210> SEQ ID NO: 14
198 <211> LENGTH: 3
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (6-8)
205 <400> SEQUENCE: 14
206 His Pro Phe
207 1
210 <210> SEQ ID NO: 15
211 <211> LENGTH: 5

RAW SEQUENCE LISTING DATE: 12/07/2000
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Input Set : A:\97017-P7 SEQLIST.txt
 Output Set: N:\CRF3\12072000\I723197.raw

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212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence: AII (4-8)
218 <400> SEQUENCE: 15
219 Tyr Ile His Pro Phe
220 1 5
223 <210> SEQ ID NO: 16
224 <211> LENGTH: 7
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
230 class
232 <220> FEATURE:
233 <221> NAME/KEY: UNSURE
234 <222> LOCATION: (1)
235 <223> OTHER INFORMATION: Xaa at position 1 can be Arg, Lys, Ala, Orn, Ser,
236 MeGly, D-Arg, or D-Lys
238 <220> FEATURE:
239 <221> NAME/KEY: UNSURE
240 <222> LOCATION: (2)
241 <223> OTHER INFORMATION: Xaa at position 2 can be Val, Ala, Leu, Nle, Ile,
242 Gly, Pro, Aib, Acp, or Tyr
244 <220> FEATURE:
245 <221> NAME/KEY: UNSURE
246 <222> LOCATION: (4)
247 <223> OTHER INFORMATION: Xaa at position 4 can be Ile, Ala, Leu, Nle, Val,
248 or Gly
250 <400> SEQUENCE: 16
W--> 251 Xaa Xaa Tyr Xaa His Pro Phe
252 1 5
255 <210> SEQ ID NO: 17
256 <211> LENGTH: 7
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
263 <400> SEQUENCE: 17
264 Arg Val Tyr Gly His Pro Phe
265 1 5
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 7
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue
276 <400> SEQUENCE: 18
277 Arg Val Tyr Ala His Pro Phe

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/723,197
 DATE: 12/07/2000
 TIME: 12:46:25

Input Set : A:\97017-P7 SEQLIST.txt
 Output Set: N:\CRF3\12072000\I723197.raw

```

278 1 5
281 <210> SEQ ID NO: 19
282 <211> LENGTH: 8
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 1
289 <400> SEQUENCE: 19
290 Asp Arg Val Tyr Val His Pro Phe
291 1 5
294 <210> SEQ ID NO: 20
295 <211> LENGTH: 8
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 2
302 <400> SEQUENCE: 20
303 Asn Arg Val Tyr Val His Pro Phe
304 1 5
307 <210> SEQ ID NO: 21
308 <211> LENGTH: 11
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 3
315 <400> SEQUENCE: 21
316 Ala Pro Gly Asp Arg Ile Tyr Val His Pro Phe
317 1 5 10
320 <210> SEQ ID NO: 22
321 <211> LENGTH: 8
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 4
328 <400> SEQUENCE: 22
329 Glu Arg Val Tyr Ile His Pro Phe
330 1 5
333 <210> SEQ ID NO: 23
334 <211> LENGTH: 8
335 <212> TYPE: PRT
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: AII analogue 5
341 <400> SEQUENCE: 23
342 Asp Lys Val Tyr Ile His Pro Phe
343 1 5
346 <210> SEQ ID NO: 24
347 <211> LENGTH: 8
348 <212> TYPE: PRT

```

FYI:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 12/07/2000

PATENT APPLICATION: US/09/723,197

TIME: 12:46:26

Input Set : A:\97017-P7 SEQLIST.txt

Output Set: N:\CRF3\12072000\I723197.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41